

ABSTRACT OF THE DISCLOSURE

A heating element and a process for conducting the operating heat of a semiconductor switch to a heating cell which is triggered by the semiconductor switch via first and second heat and current conducting material strips and a frame terminal with an interposed heat-conducting insulating film. The semiconductor switch is provided with a cooling fin and is applied directly to a surface of the first heat and current conducting material strip..

1. A heating element and a process for conducting the operating heat of a semiconductor switch to a heating cell which is triggered by the semiconductor switch via first and second heat and current conducting material strips and a frame terminal with an interposed heat-conducting insulating film. The semiconductor switch is provided with a cooling fin and is applied directly to a surface of the first heat and current conducting material strip..